TEST REPORT OF FINE AGGREGATE

Lab ID	:	**CP-2017-08-17-02** **Date: 20-08-17**
Customer	:	Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains Nisarga School back side Sampangi Ramaiah layout at Bagalgunte ward No.14
Agency	:	Technical Manager(West), KRIDL, Project Implementation unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010
Customer's Reference	:	BBMP/EE/DD/WO/029/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	17-08-17
Sample ID No	:	2017-08-17-02/03
Sample Type	:	Fine Aggregate
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	17-08-17
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	31	31	3.1	96.9	90-100	90-100	90-100	95-100
3	2.36 mm	72	103	10.3	89.7	60-95	75-100	85-100	95-100
4	1.18 mm	218	321	32.1	67.9	30-70	55-90	75-100	90-100
5	600 micron	201	522	52.2	47.8	15-34	35-59	60-79	80-100
6	300 micron	224	746	74.6	25.4	5-20	8-30	12-40	15-50
7	150 micron	198	944	94.4	5.6	0-10	0-10	0-10	0-15
8	Pan	56	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

CIVIL PRO Sig..... Date..... BANGALORE

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TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2017-08-17-02 **Date: 20-08-17**

Sample ID No : 2017-08-17-02/03

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	0.21	–
2	Specific Gravity	2.54	–
3	Material finer than 75 micron(%)	4.9	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL PRO Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

TEST RESULTS OF STEEL

Lab ID	:	**CP-2017-08-17-02** **Date: 19-08-17**
Customer	:	Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains Nisarga School back side Sampangi Ramaiah layout at Bagalgunte ward No.14
Agency	:	Technical Manager(West), KRIDL, Project Implementation unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010
Customer's Reference	:	BBMP/EE/DD/WO/029/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	17-08-17
Sample ID No	:	2017-08-17-02/04
Sample Type	:	Indus
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	18-08-17

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Indus	Fe500	8	0.392	555	649	20.0%	Satisfactory	Satisfactory
2	Indus	Fe500	10	0.615	572	669	20.0%	Satisfactory	Satisfactory

Note:

The results pertain to the samples received and tested.
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Quality Manager

End of Report